

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3**Complete if Known**

Application Number	10/688,441
Filing Date	October 17, 2003
First Named Inventor	Osae, S.
Art Unit	
Examiner Name	
Attorney Docket Number	P-1086C

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
2		US- 3,321,351	05-23-1967	Bader, E.	
2		US- 3,333,025	07-25-1967	Bader, E.	
2		US- 3,548,030	12-15-1970	Jernigan, J.W.	
2		US- 3,564,074	02-16-1971	Swisher, D.W.	
2		US- 3,838,093	09-24-1974	Owston, W.J.	
2		US- 3,890,407	06-17-1975	Briggs Jr., P.C.	
2		US- 4,038,475	07-26-1977	Frauenglass, E.	
2		US- 4,126,504	11-21-1978	Wolinski, L.E.	
2		US- 4,151,219	04-24-1979	Brewbaker, J.L.	
2		US- 4,182,644	01-08-1980	Briggs Jr., P.C.	
2		US- 4,197,390	04-08-1980	Jackson, R.J.	
2		US- 4,223,115	09-16-1980	Zalucha, D.J.	
2		US- 4,233,418	11-11-1980	Lingier, W.F.R.	
2		US- 4,293,665	10-06-1981	Zalucha, D.J.	
2		US- 4,304,709	12-08-1981	Salee, G.	
2		US- 4,347,343	08-31-1982	Brewbaker, J.L.	
2		US- 4,374,940	02-22-1983	Bhatia, Y.R.	
2		US- 4,467,071	08-21-1984	Dawdy, T.H.	
2		US- 4,472,544	09-18-1984	Ochsenbein, M.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

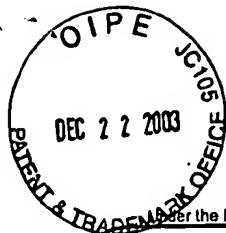
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Sheet 2 of 2**Complete if Known**

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		Number-Kind Code ² (if known)			
~		US- 4,483,963	10-20-1984	Meyer, J.	
~		US- 4,513,108	04-23-1985	Jones, J.D.	
~		US- 4,536,546	08-20-1985	Briggs, P.C.	
~		US- 4,548,992	10-22-1985	Doi, H.	
~		US- 4,714,730	12-22-1987	Briggs, P.C.	
~		US- 4,824,919	04-25-1989	Baker, A.W.	
~		US- 5,206,288	04-27-1993	Gosiewski, D.E.	
~		US- 5,340,901	08-23-1994	Wang, C.L.	
~		US- 5,548,056	08-20-1996	Chung, D.A.	
~		US- 5,656,345	08-12-1997	Strand, R.M.	
~		US- 5,859,160	01-12-1999	Righettini, R.F.	
~		US- 5,932,638	08-03-1999	Righettini, R.F.	
~		US- 5,935,711	08-10-1999	Pocius, A.V.	
~		US- 6,291,593	08-18-2001	Cheng, H.	
~		US- 6,433,091	08-13-2002	Cheng, H.	
		US-			
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		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				

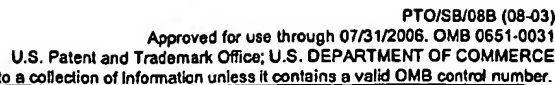
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(Use as many sheets as necessary)

Filing Dat	October 17, 2003
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First Named Inventor	Osae, S.
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Art Unit

Examiner Name

Sheet

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of

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Attorney Docket Number	P-1086C
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1 Applicant's invention classification designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1
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Application Number	10/688,441	✓
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Filing Date	October 17, 2003
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First Named Inventor	Osae, S.
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Art Unit	
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Examiner Name	
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Attorney Docket Number	P-1086C
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		Country Code ³ *Number ⁴ *Kind Code ⁶ (if known)				
		EP 376,350	12-29-1989	National Starch		
		EP 487,058	11-19-1991	Ministero Dell' Universita'E		

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Date	
Considered	

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